

Figure 1

100

Converting the optical beam to a current proportional to a power of the optical beam using the monitor photodiode

202

Adjusting the current from the monitor photodiode up or down using a thermistor and resistor network in response to a change in optical fiber tracking

204

Adjusting the current from the monitor photodiode up or down using an automatic power control loop in response to a change in temperature using an automatic power control loop

206

Processing the current adjusted by the thermistor and resistor network with the current adjusted by the automatic power control loop; and

208

Applying the processed currents to the laser to change the power of the optical beam emitted from the laser.

210

Figure 2

200

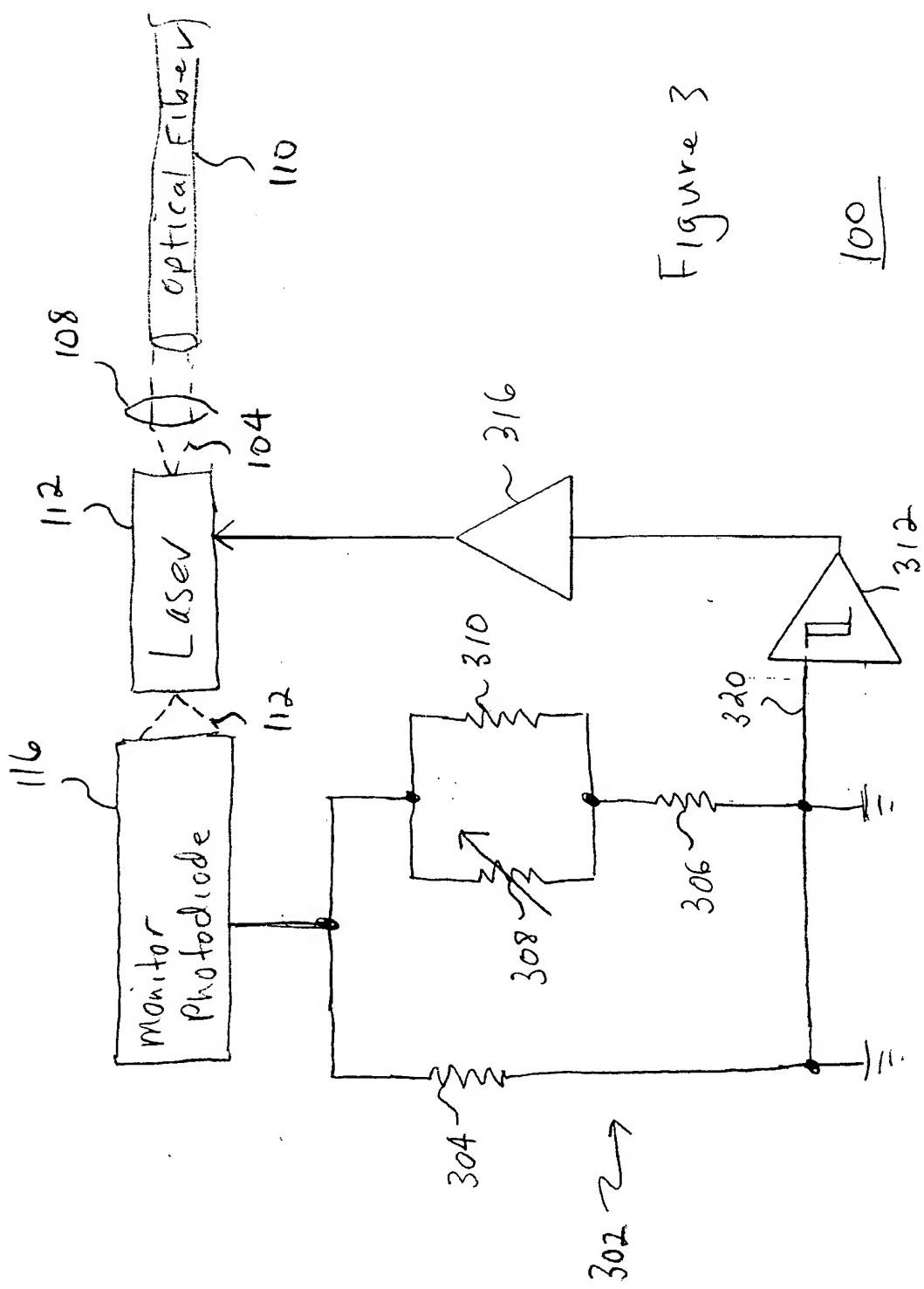


Figure 3

100

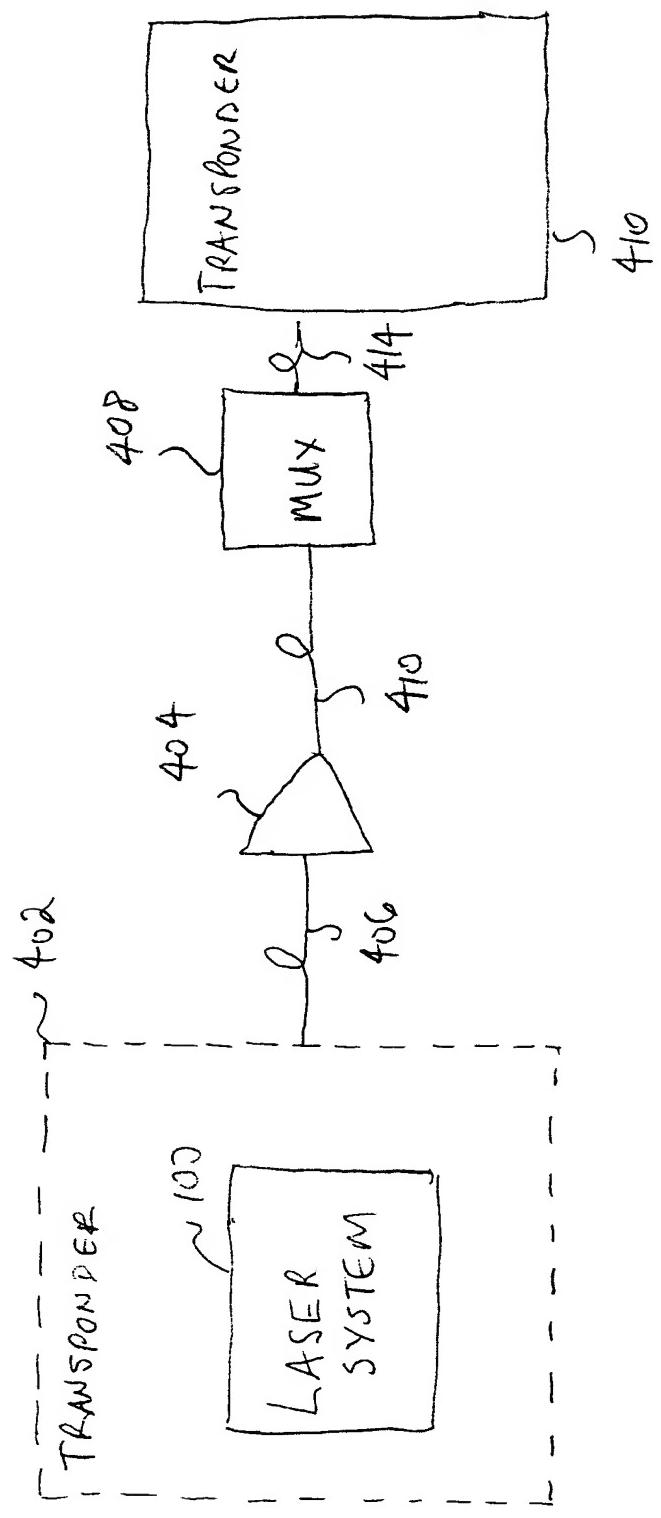
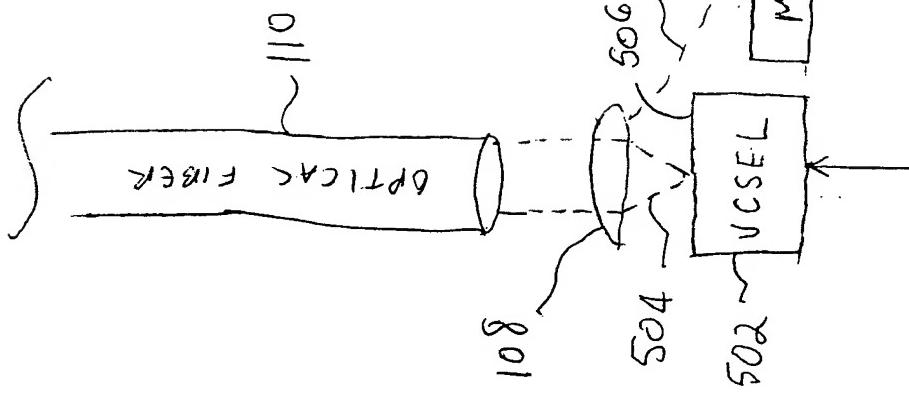


Figure 4
400



500

Figure 5

